

INFORMATION BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known					
Application Number 09/668,408					
Filing Date	September 22, 2000				
First Named Inventor	Carl M. Ellison				
Art Unit	2131				
Examiner Name	Taghi T. Arani				
Attorney Docket Number	42390P8628X				

			U.S. PATE	NT DOCUMENTS	
		Document Number	Publication Date		Pages, Columns, Lines, Where
Examiner Initials*	Cite No.'		or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
J.A	1	US-6701284	03-02-2004	HUNTLEY et al	
		US-	Ĭ		
		US-			

	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document			Pages, Columns, Lines,	Ţ.			
Initials*	No.'	Country Code¹ - Number¹ - Kind Code¹ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	r			
ブド	2	WO99/38076	07-29-1999	MILLARD					
T.P.	3	JP11161521A		YOSHIDA					
	<u> </u>								
	<u> </u>								
	1								

Examiner Signature Signature Signature	Date Considered	1/25/06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number (optional), 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A(10.01)
Approved for use disough 10/31/2002, CMB 051-0031
US Petter & Tradement Office U.S. DEPARTRED of G COMPARE,
on of information onless & confairs a valid QMB control number.

Substitute for form 1449A/PTO
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number

O9/668,408

Filing Date

First Named Inventor

Group Art Unit

2131

Examiner Name

Arani, Taghi

Sheet 1 of 2

Attorney Docket No: 42P08628X

	US PATENT DOCUMENTS						
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate	

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Foreign Document No	Foreign Document No Publication Date Name of		Class	Subclass	T²			
J. A.	DE-DE4217444	12/03/1992	Toyohisa, Imada, et al.						
	EP-EP0473913	03/11/1992	Farrell, Joel A.						
	EP-EP0961193	12/01/1999	Laczko, Sr., Frank L.						
	EP-EP1209563	05/29/2002	England, Paul, et al.	G06F	9/445				
	EP-EP1271277	01/02/2003	Behar, Yaachov						
	-	03/11/10000	- Temp Macadia	_					
	WO-WO0021238	04/13/2000	Drews, Paul C.						
	WO-WO0175564	10/11/2002	Herbert, Howard C., et al.						
	WO-WO02086684	10/31/2002	Proudler, Graeme J.						
J. H.	WO-WO0217555	02/28/2002	Ford, Warwick	_					

	OTHER DOCUMENTS NON PATENT LITERATURE DOCUMENTS						
Examiner Cite Initials* No 1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
O.A.		BRANDS, STEFAN, "Restrictive Blinding of Secret-Key Certificates", SPRINGER-VERLAG XP002201306, (1995), Chapter 3					
Reconfigurable Proce		CHIEN, ANDREW A., et al., "Safe and Protected Execution for the Morph/AMRM Reconfigurable Processor", 7th Annual IEEE Symposium, FCCM '99 Proceedings, XP010359180, ISBN 0-7695-0375-6, Los Alamitos, CA. (4/21/1999),209-221					
COMPAQ COMPUTER CORPORATION, "Trusted Computing Platform Alli (TCPA) Main Specification Version 1.1a", XP002272822, (1/25/2001),1-321		COMPAQ COMPUTER CORPORATION, "Trusted Computing Platform Alliance (TCPA) Main Specification Version 1.1a", XP002272822, (1/25/2001),1-321					
		DAVIDA, GEORGE I., et al., "Defending Systems Against Viruses through Cryptographic Authentication", <u>Proceedings of the Symposium on Security and Privacy</u> , IEEE Comp. Soc. Press, ISBN 0-8186-1939-2, (May 1989),					
		HP MOBILE SECURITY OVERVIEW, "HP Mobile Security Overview", (Sept. 2002),1-10					
		IBM, "Information Display Technique for a Terminate Stay Resident Program IBM Technical Disclosure Bulletin", <u>TDB-ACC-No. NA9112156, Vol. 34, Issue 7A</u> , (12/1/1991),156-158					
		IBM CORPORATION, "IBM ThinkPad T30 Notebooks", IBM Product Specification, located at www- 1.ibm.com/services/files/cisco t30 spec sheet 070202.pdf, last visited June 23, 2004,(July 2, 2002),1-6					
J.A.		INTEL, "IA-32 Intel Architecture Software Developer's Manual", Volume 3: System Programming Guide, Intel Corporation - 2003,13-1 through 13-24					

EXAMINER Dis	. T. arem	DATE CONSIDERED	125/05
			

PTO/SB/084(10-01)
Approved for use through 10/31/2002, CMG 651-0031
US Priors & Trickment Office: U.S. DEPARTMENT OF CONDERICE

Substitute for form 1449APTO INFORMATION DISCLOSURE	Under the Peperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a visit CMS control number. Complete if Known			
STATEMENT BY APPLICANT	Application Number	09/668,408		
(Use as many sheets as necessary)	Filing Date	September 22, 2000		
	First Named Inventor	Ellison, Carl		
	Group Art Unit	2131		
	Examiner Name	Arani, Taghi		
Sheet 2 of 2	Attorney Docket No: 42P08628X			

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
(P)		INTEL CORPORATION, "Intel 82802AB/82802AC Firmware Hub (FWH)", Intel	
	<u> </u>	Product Datasheet, Document Number 290658-004, (November 2000), 1-6, 17-28	
1		KARGER, PAUL A., et al., "A VMM Security Kernal for the VAX Architecture",	
1 1	1	Proceedings of the Symposium on Research in Security and Privacy.	
		XP010020182, ISBN 0-8186-2060-9, Boxborough, MA, (5/7/1990),2-19	
1 1		KASHIWAGI, KAZUHIKO, et al., "Design and Implementation of Dynamically	
1 1		Reconstructing System Software", Software Engineering Conference,	
		Proceedings 1996 Asia-Pacific Seoul, South Korea 4-7 Dec. 1996, Los Alamitos,	
		CA USA, IEEE Comput. Soc, US, ISBN 0-8186-7638-8,(1996),	
1 1	1	LUKE, JAHN, et al., "Replacement Strategy for Aging Avionics Computers",	
		IEEE AES Systems Magazine, XP002190614,(March 1999),	
1 1		MENEZES, ALFRED J., et al., "Handbook of Applied Cryptography", CRC Press	
		LLC, USA XP002201307, (1997),475	
1 1		RICHT, STEFAN, et al., "In-Circuit-Emulator Wird Echtzeittauglich", Elektronic.	
1 1		Franzis Verlag GMBH, Munchen, DE, Vol. 40, No. 16, XP000259620,(100-	
		103),8-6-1991	
[]		ROBIN, JOHN S., et al., "Analysis of the Pentium's Ability to Support a Secure	
]		Virtual Machine Monitor', Proceedings of the 9th USENIX Security Symposium.	
		XP002247347, Denver, Colorado, (8/14/00), 1-17	
]	SAEZ, SERGIO, et al., "A Hardware Scheduler for Complex Real-Time	
		Systems", Proceedings of the IEEE International Symposium on Industrial	
		Electronics, XP002190615,(July 1999),43-48	
100		SHERWOOD, TIMOTHY, et al., "Patchable Instruction ROM Architecture",	
11.84.		Department of Computer Science and Engineering, University of California, San	
L	l	Diego, La Jolla, CA, (Nov. 2001),	

EXAMINER JANGLE J. alons

. . . ·

DATE CONSIDERED 1/26/05

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

MANAGING A SECURE ENVIRONMENT USING A CHIPSET IN ISOLAQTED EXECUTION MODE

Application Number:

09/668408

Confirmation Number:

2377

First Named Applicant:

Carl Ellison

Attorney Docket Number:

P8628X

Art Unit:

2131

Examiner:

Taghi T Arani

Search string:

(3996449 or 4430709 or 4621318 or 5944821 or 5956408 or 6044478 or 6175924

or 6327652 or 6615278 or 6678825 or 20010027511 or 20020007456 or

20020023032 or 20020147916 or 20020166061 or 20020169717 or 20030074548

or 20030115453 or 20030126442 or 20030126453 or 20030159056 or

20030188179 or 20030196085 or 20040117539).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
TA.	1	3996449	1976-12-07	ATTANASIO			
TA TA	2	4430709	1984-02-07	SCHLEUPEN		_	
	3	4621318	1986-11-04	MAEDA			
П	4	5944821	1999-08-31	ANGELO			
	5	5956408	1999-09-21	ARNOLD			
	6	6044478	2000-03-28	GREEN			
	7	6175924	2001-01-16	ARNOLD			
	8	6327652	2001-12-04	ENGLAND			
	9	6615278	2003-09-02	CURTIS			
T.A.	10	6678825	2004-01-13	ELLISON			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

	init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
Ū	r.p.	1	20010027511	2001-10-04	WAKABAYASHI			
	T	2	20020007456	2002-01-17	PEINADO		-	
	T	3	20020023032	2002-02-21	PEARSON		-	
	į. ρ .	4	20020147916	2002-10-10	STRONGIN			

7	Ą	5	20020166061	2002-11-07	FALIK		
Γ	П	6	20020169717	2002-11-14	CHALLENER		
Г	\top	7	20030074548	2003-04-17	CROMER		
Г	T	8	20030115453	2003-06-19	GRAWROCK		
	П	9	20030126442	2003-07-03	GLEW		
Γ	П	10	20030126453	2003-07-03	GLEW		
Γ		11	20030159056	2003-08-21	CROMER		
		12	20030188179	2003-10-02	CHALLENER		
П	- "	13	20030196085	2003-10-16	LAMPSON		
Į.	A	14	20040117539	2004-06-17	BENNETT	 	

Signature

Examiner Name	Date
Oarly O. aloni	1/25/05

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

MANAGING A SECURE ENVIRONMENT USING A CHIPSET IN ISOLATED EXECUTION MODE

Application Number:

09/668408

Confirmation Number:

2377

First Named Applicant:

Carl Ellison

Attorney Docket Number:

P8628X

Art Unit:

2131

Examiner:

Taghi T. Arani

Search string:

(6529909 or 6560627 or 6609199 or 6651171 or 6684326).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1.1	1	6529909	2003-03-04	BOWMAN			
M.A	2	6560627	2003-05-06	MCDONALD			
T.A	3	6609199	2003-08-19	DETREVILLE			_
JA.	4	6651171	2003-11-18	ENGLAND			
JA JA	5	6684326	2004-01-27	CROMER			

Signature

Examiner Name	Date		
Tarke Taloni	1/25/06		

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention MANAGING A SECURE ENVIRONMENT USING A CHIPSET IN ISOLATED EXECUTION MODE

Application Number:

09/668408

Confirmation Number:

2377

First Named Applicant:

Carl Ellison

Attorney Docket Number:

42P8628X

Art Unit:

2131

Examiner:

Taghi T Arani

Search string:

(3699532 or 3996449 or 4207609 or 4319233 or 4403283 or 4419724 or 4802084 or 4975836 or 5187802 or 5230069 or 5237616 or 5287363 or 5295251 or 5361375 or 5469557 or 5506975 or 5555385 or 5555414 or 5560013 or 5564040 or 5574936 or 5582717 or 5604805 or 5633929 or 5668971 or 5684948 or 5706469 or 5740178 or 5752046 or 5809546 or 5825880 or 5919257 or 5935242 or 5935247 or 5956408 or 5978475 or 6035374 or 6044478 or 6088262 or 6093213 or 6108644 or 6131166 or 6173417 or 6175924 or 6188257 or 6199152 or 6275933 or 6282650 or 6378068

or 6397379).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
O.A.	1	3699532	1972-10-17	SCHAFFER			
	2	3996449	1976-12-07	ATTANASIO			
	3	4207609	1980-06-10	LUIZ			
\prod	4	4319233	1982-03-09	MATSUOKA			
П	5	4403283	1983-09-06	MYNTTI			_
	6	4419724	2012-06-03	BRANIGIN			
	7	4802084	1989-01-31	IKEGAYA			
	8	4975836	1990-12-04	HIROSAWA			
\prod	9	5187802	1993-02-16	INOUE			
	10	5230069	1993-02-16	BRELSFORD			
\prod	11	5237616	1993-08-17	ABRAHAM			
	12	5287363	1994-02-15	WOLF			
\Box	13	5295251	1994-03-15	WAKUI			_
	14	5361375	1994-11-01	OGI			-
	15	5469557	1995-11-21	SALT			_
	16	5506975	1996-04-09	ONODERA			1
	17	5555385	1996-09-10	OSISEK			(
O.A.	18	5555414	1996-09-10	HOUGH			

TA	19	5560013	1996-09-24	SCALZI		_
1	20	5564040	1996-10-08	KUBALA		
H	21	5574936	1996-11-12	RYBA	 	_
	22	5582717	1996-12-10	DI SANTO		
H	23	5604805	1997-02-18	BRANDS		,
	24	5633929	1997-05-27	KALISKI		
	25	5668971	1997-11-16	NEUFELD		
	26	5684948	1997-11-04	JOHNSON		
	27	5706469	1998-01-06	KOBAYASHI		(
H	28	5740178	1998-04-14	JACKS		1
	29	5752046	1998-05-12	OPRESCU		_
	30	5809546	1998-09-15	GREENSTEIN		
\Box	31	5825880	1998-10-20	SUDIA		
	32	5919257	1999-07-06	TROSTLE		
	33	5935242	1999-08-10	MADANY		
	34	5935247	1999-08-10	PAI	 	(
	35	5956408	1999-09-21	ARNOLD		
	36	5978475	1999-11-02	SCHNEIER		1
	37	6035374	2000-03-07	PANWAR		(
	38	6044478	2000-03-28	GREEN		(
\Box	39	6088262	2000-07-11	NASU	 -	(
	40	6093213	2000-07-25	FAVOR	 	\
	41	6108644	2000-08-22	GOLDSCHLAG		\
	42	6131166	2000-10-10	WONG-ISLEY	_	
	43	6173417	2001-01-09	MERRILL		
	44	6175924	2001-01-16	ARNOLD		(
	45	6188257	2001-02-13	BUER	 	(
	46	6199152	2001-03-06	KELLY		
	47	6275933	2001-08-14	FINE		
	48	6282650	2001-08-28	DAVIS		_
	49	6378068	2002-04-23	FOSTER		
PA	50	6397379	2002-05-28	YATES		

Signature

Examiner Name	Date
Tagle T. wari	1126106